

10CWA168 - Closed Variable Wheel Attenuator



- 4 wheels, each containing 3 filters & 1 empty space
- 4 fixed positions per wheel
- Diameter NDF 20 mm
- Maximum thickness 3 mm
- Non-parallel filters (inclined by 4°)
- Maximum deviation 0.09 mm
- Clear aperture Ø18 mm
- C-mount threads on both ends
- Connecting adapters available
- Stray light fully eliminated
- Variable height of the optical axis
- Three mounting holes
- Motorised Closed Variable Wheel Attenuator
- Motorized Variable Wheel Attenuator
- Open Variable Wheel Attenuator

Close Variable Wheel Attenuator 10CWA168 is used when it is necessary to fully eliminate the side background lighting when using photodetectors with high sensitivity (e.g. CCD, photomultiplier, etc.). You may order standard connecting adapters **10A168** and **10R168** separately. Custom adapters are available. Loosen the central axis and rotate the whole body of the filter to set the desired position of an **optical axis** at a height between 36-71 mm. The base of the attenuator has M6 holes on 3 sides for mounting versatility.
Weight: 0.55 kg



10CWA168 with a CCD camera

Close Variable Wheel Attenuator 10CWA168 is ideally suited for use with CCD cameras. Adapters 10R168 and 10A168 are used for connection.



10BC68-1 mounted to 10CWA168 through an adapter tube 10AT168



Adapters **10AT168**, **10A168** and **10RE168**

Ordering Information

Model

10CWA168